

10/532367

U.S. Application No.

International Application No.  
PCT/JP03/13630

JC10 Rec'd PCT/PTO 20 APR 2005

Attorney Docket No.  
HEIWA.023AUS

Date: April 20, 2005

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**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371**

International Application No.: PCT/JP03/13630  
International Filing Date: October 24, 2003  
Priority Date Claimed: October 24, 2002  
Title of Invention: SEARCH CIRCUIT FOR TARGET VALUE, METHOD OF SEARCHING  
FOR TARGET VALUE, AND SEMICONDUCTOR TEST APPARATUS  
USING THIS METHOD  
Applicant(s) for DO/EO/US: Hideyuki Oshima

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. (X) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
3. (X) A copy of the International Application as filed (35 USC 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. (X) has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
4. (X) A copy of PCT Request.
5. (X) A copy of International Publication No. WO 2004/038436.
6. (X) An English translation of the International Application (35 USC 371(c)(2)) in 39 pages of specification (with claims and abstract) and 10 sheets of drawings.
7. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have been made and incorporated in a preliminary amendment attached.
  - d. (X) have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. (X) **Signed** declaration of the inventor(s) (35 USC 371(c)(4)) and Power of Attorney.
10. ☐ A translation of the annexes, such as any amendments made under PCT Article 34, to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).
11. (X) An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO-1449 form and three references.
12. (X) An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.

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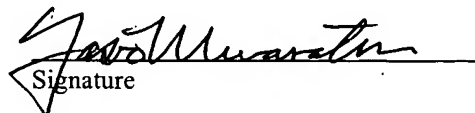
14. ☐ A substitute specification with mark-up version.
15. ☒ A copy of International Search Report by JPO.
16. ☐ A copy of International Preliminary Examination Report by JPO.
17. ☒ A return prepaid postcard.
18. ☐ Small entity status is hereby claimed.
19. ☒ The following fees are submitted:

|  |              |              |       | FEES  |
|--|--------------|--------------|-------|-------|
| BASIC FEE (37 CFR 1.492(a)(5))   |              |              |       | \$300 |
| NATIONAL STAGE SEARCH FEE (1.492(b)(2))  |              |              |       | \$400 |
| NATIONAL STAGE EXAMINATION FEE (1.492(c)(2))   |              |              |       | \$200 |
| Surcharge of \$130 for furnishing the oath or declaration after 20/30 months from the earliest claimed priority date (37 CFR 1.492(e)) |              |              |       | \$0   |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE  |       |
| Total Claims   | 4 - 20 =     | 0 ×          | \$50  | \$0   |
| Independent Claims   | 3 - 3 =      | 0 ×          | \$200 | \$0   |
| Multiple dependent claims(s) (if applicable)   |              |              | \$360 | \$0   |
| TOTAL OF ABOVE CALCULATIONS  |              |              |       | \$900 |
| Reduction by 1/2 for filing by small entity (if applicable).   |              |              |       | \$0   |
| TOTAL NATIONAL FEE   |              |              |       | \$900 |

20. ☒ A check in the amount of \$900.00 to cover the above fees is enclosed.
21. ☒ A check in the amount of \$40 for recording the enclosed assignment (37 CFR 1.21(h)).

SEND ALL CORRESPONDENCE TO:

MURAMATSU & ASSOCIATES  
 114 Pacifica, Suite 310  
 Irvine, CA 92618  
 Tel: (949) 753-1127



Signature

Yasuo Muramatsu  
 Printed Name

38,684  
 Registration Number

10/532367

law offices of

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April 20, 2005

Commissioner for Patents  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : HEIWA.023AUS

**Applicant(s)** : Hideyuki Oshima

**For** : SEARCH CIRCUIT FOR TARGET VALUE,  
METHOD OF SEARCHING FOR TARGET  
VALUE, AND SEMICONDUCTOR TEST  
APPARATUS USING THIS METHOD


**Attorney** : Yasuo Muramatsu

**"Express Mail"**  
**Mailing Label No.** : EV334343039US

**Date of Deposit** : April 20, 2005

I hereby certify that the accompanying Transmittal; an English translation in 39 pages of specification and 10 sheets of drawings; a copy of international search report; information disclosure statement with PTO-1449 form and three references; a check of \$900 for filing fee; signed declaration and power of attorney; Return Prepaid Postcard; assignment with cover sheet; a check of \$40 for assignment record.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Yasuo Muramatsu